

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052521.D
 Acq On : 23 Dec 2022 03:10
 Operator : JC/MD
 Sample : N6170-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0MS

Quant Time: Dec 23 06:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	221570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	201341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	105532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78858	3.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.916	69	75559	3.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.568	65	35518	3.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.636	46	386447	55.516	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	5.060	84	159258	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.697	65	94869	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	327832	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	113243	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.893	98	284287	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.176	79	42542	5.228	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.629	63	293286	65.882	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.760%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105914	5.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	106021	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	84348	4.278	ug/L	99
3) Chloromethane	1.520	50	120938	4.250	ug/L	100
5) Vinyl chloride	1.604	62	114466	4.437	ug/L	99
6) Bromomethane	1.858	94	56552	3.845	ug/L	96
8) Chloroethane	1.935	64	71902	4.070	ug/L	98
9) Trichlorofluoromethane	2.141	101	126243	4.328	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	75417	4.350	ug/L	98
12) 1,1-Dichloroethene	2.581	96	79110	4.767	ug/L	91
13) Acetone	2.652	43	258462	50.367	ug/L	98
14) Carbon disulfide	2.793	76	240157	4.492	ug/L	100
15) Methyl Acetate	2.957	43	67803	5.998	ug/L	96
16) Methylene chloride	3.044	84	101903	4.347	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	238513	5.384	ug/L #	90
18) trans-1,2-Dichloroethene	3.353	96	98731	5.773	ug/L	98
19) 1,1-Dichloroethane	3.867	63	171261	4.605	ug/L	98
21) 2-Butanone	4.713	43	417309	55.217	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	256867	13.686	ug/L	99
23) Bromochloromethane	4.970	128	42376	4.872	ug/L	92
25) Chloroform	5.086	83	164978	4.578	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117021	4.700	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	126281	4.983	ug/L	98
30) Cyclohexane	5.385	56	160769	5.871	ug/L	96
31) Carbon tetrachloride	5.523	117	103855	4.664	ug/L	98
33) Benzene	5.771	78	389940	5.377	ug/L	100
34) Trichloroethene	6.539	95	3858800	227.606	ug/L	99
35) Methylcyclohexane	6.761	83	139966	5.475	ug/L	95
37) 1,2-Dichloropropane	6.787	63	103064	5.093	ug/L	100
38) Bromodichloromethane	7.102	83	118661	4.818	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	138632	5.409	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	912549	61.708	ug/L	97
42) Toluene	7.967	91	387899	5.578	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	121915	5.398	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	76096	5.309	ug/L	98
47) Tetrachloroethene	8.552	164	2030194	171.552	ug/L	99
48) 2-Hexanone	8.681	43	667101	59.846	ug/L	99
49) Dibromochloromethane	8.806	129	79402	5.232	ug/L	99
50) 1,2-Dibromoethane	8.918	107	72157	5.538	ug/L	98
51) Chlorobenzene	9.443	112	230436	5.190	ug/L	99
52) Ethylbenzene	9.565	91	390610	5.428	ug/L	99
53) m,p-Xylene	9.690	106	151247	5.700	ug/L	96
54) o-Xylene	10.095	106	150742	5.926	ug/L	99
55) Styrene	10.111	104	247892	5.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	109827	5.543	ug/L	99
59) Bromoform	10.285	173	46051	4.967	ug/L	99
60) Isopropylbenzene	10.481	105	371639	5.433	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	80367	5.310	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	308087	5.461	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	316426	5.572	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	173153	5.102	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	175233	4.993	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	169667	5.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	19124	5.582	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	123966	4.961	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	113325	5.389	ug/L	98
71) Naphthalene	14.082	128	267752	6.293	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	112218	5.324	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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